What is claimed is:

1.   A gateway server, comprising:

a convert section converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a

5   request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal; and

an output section outputting said second contents to said small terminal.

2.   The gateway server according to Claim 1, wherein said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant.

3.   The gateway server according to Claim 1, wherein said second contents can be displayed in said display section.

4.   The gateway server according to Claim 1, wherein said convert section judges whether said first contents is a picture contents, and when said first contents is not said picture contents, said convert

5   section does not convert said first contents into said second contents.

5.   The gateway server according to Claim 1, wherein said convert section does not convert said first contents into said second contents, when said first contents is received from said contents server in response to a request of a non-small terminal other than said small terminal, and

      wherein said output section outputs said first contents to said non-small terminal.

6.   The gateway server according to Claim 1, wherein said display performance corresponds to the number of display pixels of said display section.

7.   The gateway server according to Claim 1, wherein said display performance corresponds to the number of display colors of said display section.

8.   A contents obtaining system, comprising:

      a terminal having a display section to display a contents;

      a contents server storing a contents; and

      a gateway server arbitrating a communication between said terminal and said contents server, and

      wherein said terminal outputs a first request of obtaining a needed contents to said gateways server, and

      wherein said gateway server outputs a second

request of obtaining said needed contents to said
contents server in response to said first request, and

wherein said contents server outputs said
needed contents to said gateway server in response to

15 said second request, and

wherein said gateway server converts said
needed contents into a specific contents, wherein said
specific contents corresponds to a display performance
of said display section of said terminal, and

20 wherein said gateway server outputs said
specific contents to said terminal.

9. The contents obtaining system according to
Claim 8, wherein said gateway server judges whether
said needed contents is a picture contents, and

wherein when said needed contents is not said
5 picture contents, said gateway server does not convert
said needed contents into said specific contents and
said gateway server outputs said needed contents
instead of said specific contents to said terminal.

10. The contents obtaining system according to
Claim 8, wherein said terminal is one of a small
terminal and a terminal other than said small terminal,
and

5 wherein when said terminal is said small
terminal, said terminal outputs said first request of

obtaining said needed contents to said gateways server, said first request including a information indicating that said terminal is said small terminal, and

10   wherein said gateway server does not convert said needed contents into said specific contents when said gateway server does not receive said information.

11.   A contents obtaining method, comprising:

(a) outputting a first request of obtaining a contents to a gateways server from a terminal;

(b) outputting a second request of obtaining

5   said contents to a contents server from said gateway server in response to said first request;

(c) outputting said contents to said gateway server from said contents server in response to said second request;

10   (d) converting said contents into a specific contents in said gateway server, wherein said specific contents corresponds to a display performance of a display section of said terminal; and

(e) outputting said specific contents to said

15   terminal from said gateway server.

12.   The contents obtaining method according to Claim 11, further comprising:

(f) judging whether said contents is a picture contents, and

5   wherein when said contents is not said picture
contents as the result of said (f), said (d) is not
performed and said (e) includes outputting said
contents instead of said specific contents to said
terminal from said gateway server.

13.   The contents obtaining method according to
Claim 11, wherein said terminal is one of a small
terminal and a terminal other than said small terminal,
and

5   wherein when said terminal is said small
terminal, said (a) includes outputting said first
request of obtaining said contents to said gateways
server from said terminal, said first request
including a information indicating that said terminal
10   is said small terminal, and
wherein said (d) is not performed when said
gateway server does not receive said information.

14.   A computer readable recording medium for
recording a program for a process, comprising:
(a)   converting a first contents into a second
contents, wherein said first contents is received from
5   a contents server in response to a request of a small
terminal and said second contents corresponds to a
display performance of a display section of said small
terminal; and

(b) outputting said second contents to said

10 small terminal.

15. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said small terminal is one of a portable
wireless telephone, a PHS terminal and a personal
5 digital assistant.

16. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said second contents can be displayed in
said display section.

17. The computer readable recording medium for
recording a program for a process according to Claim
14, further comprising:
(c) judging whether said first contents is a
5 picture contents; and
wherein said (a) is not performed when said
first contents is not said picture contents as the
result of said (c).

18. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said (a) is not performed when said first
contents is received from said contents server in

5   response to a request of a non-small terminal other

than said terminal, and

        wherein said (b) includes outputting said first

contents to said non-small terminal when said (a) is

not performed.

19.   The computer readable recording medium for

recording a program for a process according to Claim

14, wherein said display performance corresponds to

the number of display pixels of said display section.

20.   The computer readable recording medium for

recording a program for a process according to Claim

14, wherein said display performance corresponds to

the number of display colors of said display section.